



1999 Toxics Release Inventory

NEW JERSEY

Reported Releases and Waste Management Activities (in pounds)

	Original Industries	New Industries	Total
On-site Releases	15,509,062	8,666,505	24,175,567
Air Emissions	8,183,307	8,268,025	16,451,332
Surface Water Discharges	5,382,208	14,780	5,396,988
Underground Injection Class I Wells	2	0	2
Underground Injection Class II-V Wells	2	0	2
On-site Land Releases to RCRA Subtitle C Landfills	164,498	0	164,498
Other On-site Land Releases	1,779,045	383,700	2,162,745
Off-site Releases (Transfers Off-site to Disposal)*	6,308,938	798,880	7,107,818
Total On- and Off-site Releases	21,818,000	9,465,385	31,283,385
Recycled On-site	90,609,387	8,083,665	98,693,052
Recycled Off-site	38,954,247	482,043	39,436,290
Energy Recovery On-site	192,070,114	0	192,070,114
Energy Recovery Off-site	46,684,889	24,126,516	70,811,405
Treated On-site	133,101,076	32,381,339	165,482,415
Treated Off-site**	41,396,542	1,721,299	43,117,841
Quantity Released On- and Off-site***	20,996,994	9,442,087	30,439,081
Total Production-related Waste Managed	563,813,249	76,236,949	640,050,198
Total Non-production-related Waste Managed	65,799	351,068	416,867

Transfers Off-site for Further Waste Management/Disposal

	Original Industries	New Industries	Total
Recycling	38,186,917	469,830	38,656,747
Energy Recovery	46,536,340	23,171,918	69,708,258
Treatment	5,232,307	4,406,509	9,638,816
Publicly Owned Treatment Works (POTWs)	36,072,715	181,391	36,254,106
Metals and Metal Compounds*	46,212	73	46,285
Non-metal TRI Chemicals**	36,026,503	181,318	36,207,821
Other Off-site Transfers****	0	0	0
Off-site Transfers to Disposal (not including metals to POTWs)	6,317,331	805,826	7,123,157
Total Transfers Off-site for Further Waste Management/Disposal	132,345,610	29,035,474	161,381,084

* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

**** Transfers reported without a valid waste management code.

For More Information . . .

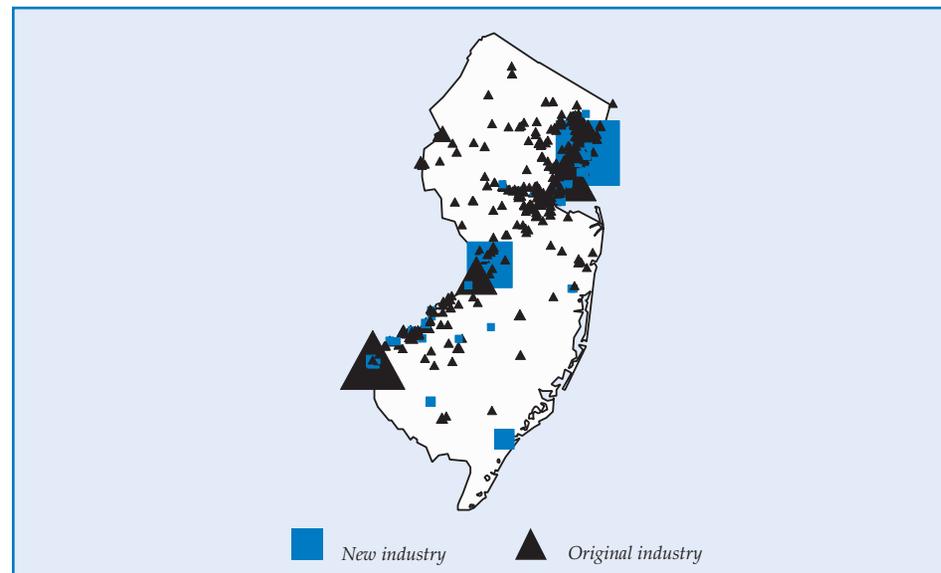
State Contact:

Andrew Opperman
(609) 292-6714
Fax: (609) 633-7031
E-mail: aopperma@dep.state.nj.us

EPA Regional Contact:

Nora Lopez
(732) 906-6890
Fax: (732) 321-6788
E-mail: lopez.nora@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 260-1531
Fax: (202) 401-2347



The largest marker in the state map represents the largest facility for on-site releases in the state of New Jersey. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data

Population	8,143,412
Square Miles	7,419
Total Facilities	569
Total Forms	2,306
Form As	392

	Original Industries	New Industries	Total
National Rank for Total On- and Off-site Releases*			
Rank	30	39	35
Pounds	21,818,000	9,465,385	31,283,385
National Rank for Total On-site Releases**			
Rank	35	39	38
Pounds	15,509,062	8,666,505	24,175,567
National Rank for Total Releases within State***			
Rank	28	39	34
Pounds	24,587,048	9,000,793	33,587,841
National Rank for Production-related Waste Managed			
Rank	13	22	16
Pounds	563,813,249	76,236,949	640,050,198

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



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On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Original Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
--	Nitrate compounds	215	4,517,078	0	0	970	4,518,263	2,816	970	0
--	Zinc compounds	15,102	21,166	0	1,307,081	1,882,239	3,225,588	124,023	1,412,551	470,192
7647-01-0	Hydrochloric acid	111,496	5	0	0	1,658,203	1,769,704	59,052	0	1,658,203
1330-20-7	Xylene (mixed isomers)	839,030	1,621	0	1,921	194,875	1,037,447	0	183,892	10,983
108-88-3	Toluene	961,501	810	0	840	59,402	1,022,553	30,581	49,807	9,595
67-56-1	Methanol	959,910	3	2	0	5,864	965,779	5,296	444	5,420
7664-41-7	Ammonia	599,646	338,459	0	0	14,176	952,281	17,617	13,390	786
--	Lead compounds	6,132	2,360	0	94,175	576,437	679,104	44,814	472,740	103,697
--	Glycol ethers	430,214	7	0	2,219	137,440	569,880	2,450	130,700	6,740
78-93-3	Methyl ethyl ketone	420,687	617	0	301	116,657	538,262	3,487	113,594	3,063

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

Note: Due to an EPA data entry error, one chemical reporting revision for 1999 by a facility, the US Army Letterkenny Depot in Chambersburg, PA, reporting in the original industry sector was not included in this table. At the time of publication, the facility had notified EPA that it anticipated revising off-site transfers to disposal (transferred into the state of New Jersey) for manganese compounds from 5,584,900 pounds to below 500 pounds. Revisions by this facility of two other compounds are included in the State Fact Sheet tables but not included in the tables in the 1999 TRI Public Data Release report.

On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Seven New Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
7647-01-0	Hydrochloric acid	6,093,200	0	0	0	0	6,093,200	0	0	0
7664-93-9	Sulfuric acid	970,002	0	0	0	0	970,002	0	0	0
--	Lead compounds	541	271	0	27,000	455,247	483,059	1,421	2,858	453,530
7664-41-7	Ammonia	278,484	1,833	0	4,700	0	285,017	0	0	0
7664-39-3	Hydrogen fluoride	253,545	0	0	0	0	253,545	0	0	0
--	Barium compounds	4,661	500	0	160,000	44,969	210,130	3,579	25,893	19,076
--	Zinc compounds	54,418	5,108	0	47,000	89,684	196,210	2,437	88,571	1,121
1634-04-4	Methyl tert-butyl ether	181,532	666	0	0	627	182,825	3,259	5	622
75-45-6	Chlorodifluoromethane (HCFC-22)	107,851	0	0	0	0	107,851	0	0	0
--	Copper compounds	1,482	1,857	0	38,000	48,843	90,182	1,427	4,213	44,630

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.



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On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Original Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection			On-site Releases to Land				Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Du Pont Chambers Works, Deepwater, Salem	339,701	2,553,858	0	0	147,298	0	3,040,857	0	316,293
Bayway Refining Co., Linden, Union	538,080	2,003,547	0	0	0	0	2,541,627	0	1,610
Griffin Pipe Prods. Co., Florence, Burlington	20,244	0	0	0	0	1,754,783	1,775,027	0	0
Ford Edison Assembly Plant, Edison, Middlesex	665,473	0	0	0	0	0	665,473	4,730	5,951
Roche Vitamins Inc., Belvidere, Warren	440,468	6,402	0	0	0	0	446,870	0	2,533
Coastal Eagle Point Oil Co., Westville, Gloucester	340,942	74,833	0	0	0	0	415,775	11,215	540
Degussa Corp. Metal Group, South Plainfield, Middlesex	308,547	0	0	0	0	0	308,547	64	0
Gmtg Linden Assembly, Linden, Union	302,260	0	0	0	0	0	302,260	2,460	46,539
Du Pont Repauno Plant, Gibbstown, Gloucester	0	231,820	0	0	0	0	231,820	50,180	0
Mallinckrodt Baker Inc., Phillipsburg, Warren	73,218	151,175	0	0	0	0	224,393	0	0

*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Seven New Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection			On-site Releases to Land				Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Hudson Generating Station, Jersey City, Hudson	3,502,580	4,800	0	0	0	383,700	3,891,080	756	0
Mercer Generating Station, Hamilton Township, Mercer	2,620,720	2,600	0	0	0	0	2,623,320	1,697	0
B.L. England Generating Station, Beesleys Point, Cape May	852,726	4,793	0	0	0	0	857,519	126,093	0
Deepwater Generating Station, Pennsville, Salem	387,856	0	0	0	0	0	387,856	3,058	19,076
Natl. Refrigerants Inc., Rosenhayn, Cumberland	155,197	0	0	0	0	0	155,197	0	0
Eagle Point Cogeneration Ptnr. (EPCP), Westville, Gloucester	99,672	0	0	0	0	0	99,672	0	0
Sewaren Terminal, Sewaren, Middlesex	76,900	330	0	0	0	0	77,230	0	11
Cogen Techs. NJ Venture L.P., Bayonne, Hudson	70,022	0	0	0	0	0	70,022	0	0
Newark Bay Cogeneration Plant, Newark, Essex	64,355	0	0	0	0	0	64,355	0	0
PG&E Generating, Carneys Point, Salem	59,191	0	0	0	0	0	59,191	0	0

*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



1999 Toxics Release Inventory

NEW JERSEY

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Original Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Du Pont Chambers Works, Deepwater, Salem	0	893,907	0	1,331,702	33,454,726	2,976,454	3,349,547	42,006,336	7,594
Bayway Refining Co., Linden, Union	532,560	8,122	0	0	13,616,600	325	2,538,271	16,695,878	8,157
Penick Corp., Newark, Essex	36,883,800	0	0	0	0	1,876,521	1,897,518	40,657,839	0
Griffin Pipe Prods. Co., Florence, Burlington	0	1,737,861	0	0	1,287,211	52,932	1,775,040	4,853,044	0
Ford Edison Assembly Plant, Edison, Middlesex	0	587,241	0	39,150	402,080	14,185	686,757	1,729,413	0
Roche Vitamins Inc., Belvidere, Warren	0	0	0	0	151,519	0	487,154	638,673	0
Coastal Eagle Point Oil Co., Westville, Gloucester	0	0	78,176,676	18,890,872	1,064,155	16,616	414,579	98,562,898	1,191
API Foils Inc., Rahway, Union	0	0	1,013,660	313,006	0	313,006	411,392	2,051,064	0
M&M/Mars, Hackettstown, Warren	0	0	0	0	0	0	403,560	403,560	0
Gmtg Linden Assembly, Linden, Union	0	62,900	0	141,504	73,690	99,000	376,739	753,833	0

*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Seven New Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Hudson Generating Station, Jersey City, Hudson	0	0	0	0	100,000	0	3,888,000	3,988,000	0
Mercer Generating Station, Hamilton Township, Mercer	0	0	0	0	75,000	0	2,626,490	2,701,490	0
B.L. England Generating Station, Beesleys Point, Cape May	0	0	0	0	976,698	0	983,908	1,960,606	0
S&W Waste Inc., South Kearny, Hudson	0	14,000	0	0	433,100	21,900	469,000	938,000	0
Deepwater Generating Station, Pennsville, Salem	0	0	0	0	48,341	0	409,990	458,331	0
Natl. Refrigerants Inc., Rosenhayn, Cumberland	0	0	0	0	0	0	155,197	155,197	0
Safety-Kleen Sys. Inc., Linden, Union	333,751	400,868	0	2,929,927	15,934	1,366,333	102,824	5,149,637	8
Eagle Point Cogeneration Ptnr. (EPCP), Westville, Gloucester	0	0	0	0	0	0	99,681	99,681	0
Sewaren Terminal, Sewaren, Middlesex	0	0	0	0	24,457	3,442	77,245	105,144	0
Cogen Techs. NJ Venture L.P., Bayonne, Hudson	0	0	0	0	0	0	70,022	70,022	0

*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.